

WHAT IS CLAIMED IS:

1. A method for constructing a uniform event representation for an event in accordance with a uniform data model, said method comprising:
 - 5 selecting a category, to which said event belongs, said category being selected from a plurality of categories defined by said uniform data model;
selecting at least one measurement type, based on which the event is triggered, said at least one measurement being selected from a plurality of measurement types defined by said uniform data model;
 - 10 incorporating quantitative values of said at least one measurement type into said uniform event representation, said quantitative values being acquired by a process in which said event is detected ; and
incorporating qualitative assessment for each of said at least one measurement into said uniform event representation, said qualitative assessment being
15 generated by said process.
2. The method according to claim 1, further comprising:
 - generating an event ID for said event to be incorporated in said uniform event representation;
 - 20 incorporating the ID of said process, where said event is detected, in said uniform event representation;
incorporating at least one piece of evidence, based on which said event is detected, in said uniform event representation; and
incorporating a description about said event in said uniform event
25 representation.

3. The method according to claim 1, wherein said categories include meta-category, external transaction category, internal category, operating system category, application category, and network category.

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4. The method according to claim 1, wherein said measurement types include availability, response time, throughput, and service readiness.

5. A method of using a uniform data model, said method comprising:

10 posting zero or more events, described in uniform event representation constructed based on uniform data model, in an event pool by a process where said zero or more events are generated; and

 accessing an event, described in uniform event representation constructed based on uniform data model and posted in said event pool, by a process.

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6. The method according to claim 6, wherein said event pool includes a blackboard server.

7. A method for using a uniform data model, said method comprising:

20 generating a uniform event representation for an event by a process where said event is detected, said uniform event representation being constructed in accordance with said uniform data model; and

 sending said uniform event representation for said event, by said process, to a different process to notify said different process about the occurrence of said event.

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8. The method according to claim 7, further comprising:

receiving, by a process, a uniform event representation, constructed in accordance with said uniform data model, from a different process, said uniform event representation describing an event occurred and detected by said different process.

5 9. The method according to claim 1, wherein said process includes a behavior expert.

10. The method according to claim 7, wherein said process includes a behavior expert.

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11. The method according to claim 8, wherein said process includes a behavior expert.